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Our Case No. 9281-4199  
Client Reference No. S US00172

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Takeo Suzuki et al. )  
Serial No. To Be Assigned )  
Filing Date: Herewith )  
For: TV Signal Receiving Tuner Capable of Outputting )  
Oscillation Signal Having Wide Frequency Band )  
by Means of Single Local Oscillator )

1017 U.S. PTO  
09/972162  
10/05/01

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicants hereby submit reference A1 listed on the attached form PTO-1449 for consideration by the Examiner. A copy of the reference is enclosed herewith.

Japanese Unexamined Patent Publication No. 2000-013705 discloses a tuner in which a dividing rate of a programmable divider is varied to control a signal to be received.

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicants reserve the right to contest this reference as prior art against the present application, and Applicants do not believe that the disclosure of this reference, even if finally determined to be prior art, anticipates Applicants' invention or that this reference makes Applicants' invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicants respectfully request that the Examiner review the entire disclosure of this document and make it of record.

Respectfully submitted,



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